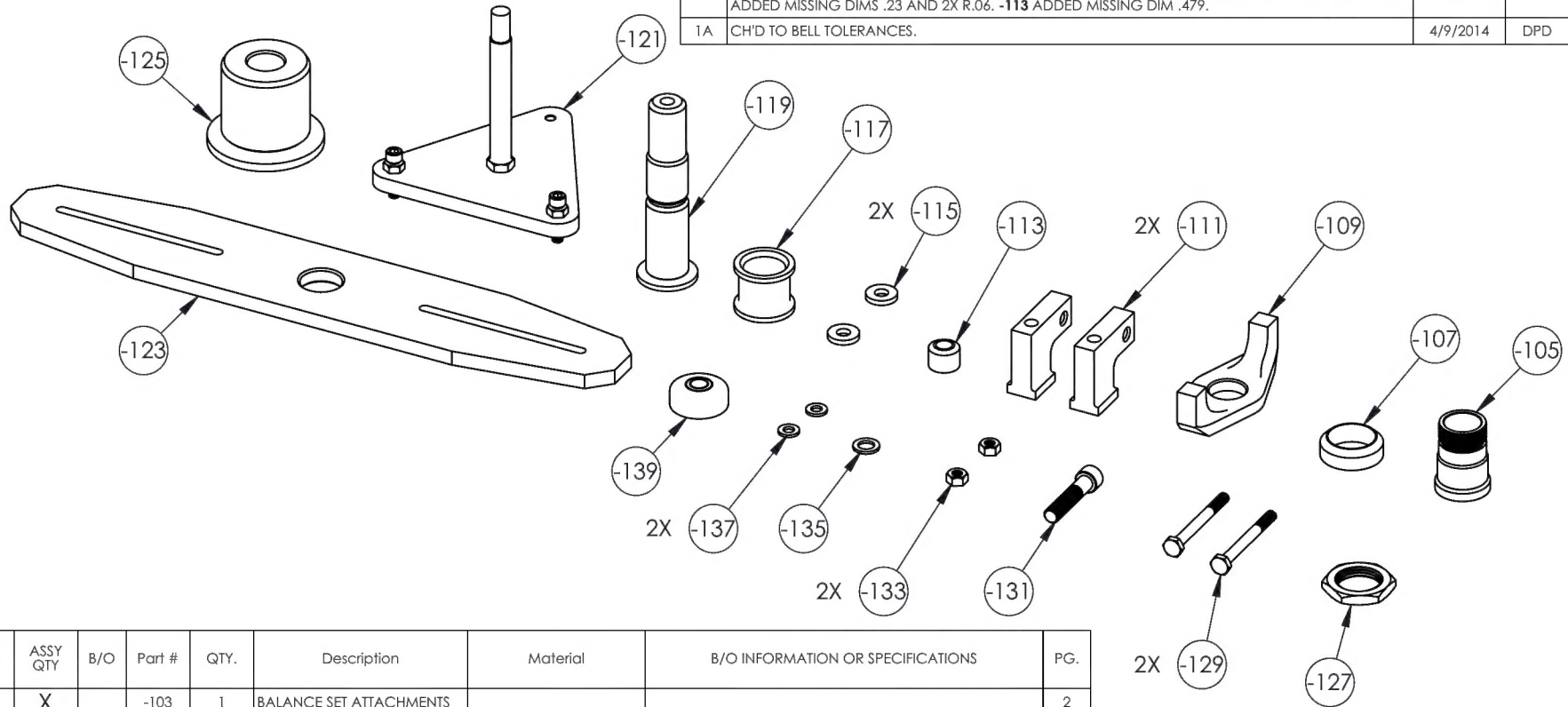


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	UPDATED SHEET FORMATS. BROKE PARTS OUT INTO INDIVIDUAL SHEETS. -105 ADDED MISSING DIM 59° TO INNER CHAMFER, ADDED DETAIL VIEW C. CORRECTED THREAD RELIEF ADDED 45° DIM. -111 ADDED MISSING DIMS .23 AND 2X R.06. -113 ADDED MISSING DIM .479.	12/5/2013	CFS	GE
1A	CH'D TO BELL TOLERANCES.	4/9/2014	DPD	GE



ASSY QTY	ASSY QTY	B/O	Part #	QTY.	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-103	1	BALANCE SET ATTACHMENTS			2
	1		-105		ADAPTER	440C COML. GR.	Ø1-3/8 X 2	3
	1		-107		LARGE SPACER	440C COML. GR.	Ø1-1/2 X 3/4	4
	1		-109		STOP	6061	1-1/4 X 1-3/4 X 4-1/4	5
	2		-111		HALF STOP	6061	3/4 X 1-3/4 X 2-1/4	6
	1		-113		SMALL SPACER	440C COML. GR.	Ø3/4 X 3/4	7
	2		-115		SPACER WASHER	440C COML. GR.	Ø7/8 X 1/4	8
			-117	1	SPACER		RED BARN #RB T101544-5	1
			-119	1	MANDREL ASSY.		RED BARN #RB T101576-3	1
			-121	1	STAND ASSY		RED BARN #RB T101576-7	1
			-123	1	BASE		RED BARN #RB T101576-13	1
			-125	1	PLUG (USE ON 206)		RED BARN #RB T101576-29	1
			-127	1	THIN HEX NUT	STEEL CAD PLATED	Ø1-3/4 X 3/8	9
	2	B/O	-129		HEX HEAD CAP SCREW	STEEL, CAD PLATED	NAS6604-35 OR AN4-25A	1
	1	B/O	-131		SOCKET HEAD CAP SCREW	STEEL, BLACK	3/8-24 UNF X 1-3/4 MCMaster-CARR #91251A430	1
	2	B/O	-133		HEX NUT	STEEL, CAD PLATED	NAS509-4 OR AN315-4R	1
	1	B/O	-135		FLAT WASHER	STEEL, CAD PLATED	AN960-616	1
	2	B/O	-137		FLAT WASHER	STEEL, CAD PLATED	AN960-416	1
		B/O	-139	1	BULL'S EYE LEVEL		MCMaster-CARR #2147A11	1
	ASSY# -103							

NOTES:

1. RBT400284 REPLACES BELL 206-210-100-101.
2. RBT400284-103 REPLACES BELL 206-210-100-103.

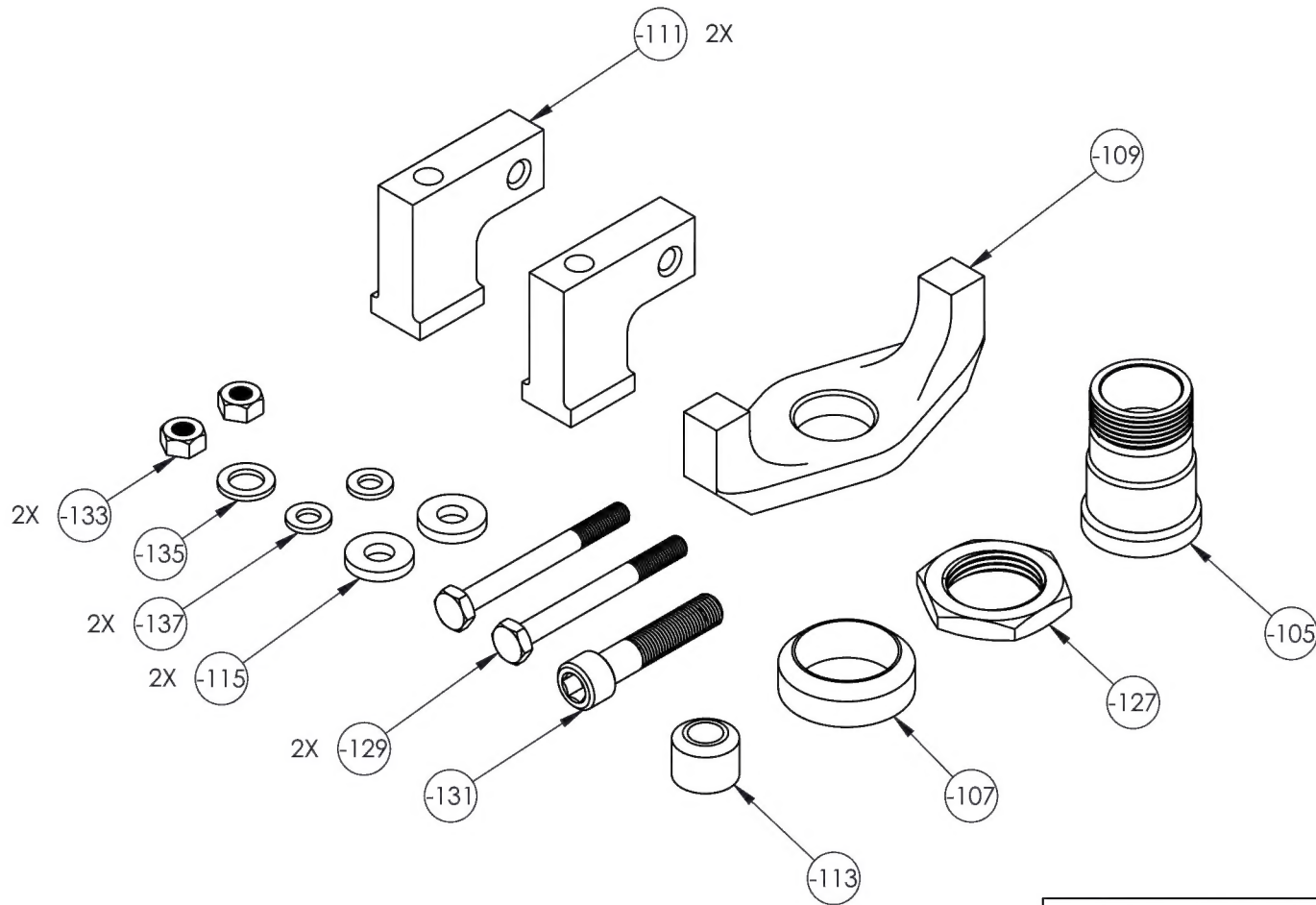


RED BARN MACHINE

TITLE		TAIL ROTOR BALANCE SET	
DWG NO.	RBT400284		REV 1A
MAT'L	DRAWN BY: PERRITT		APPROVED: D Weil
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		HEAT TREAT FINISH SPEC	
.XXX ± .010		FRACTIONS ± 1/32	
.XX ± .03		ANGLES ± 5°	
.X ± .1		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL BELL 206	
SCALE	1:4	DATE	7/29/2010
		SHEET 1 OF 9	

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REVISIONS				
REV	DESCRIPTION		DATE	INITIAL
				APPROVED

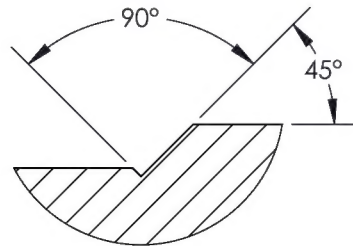
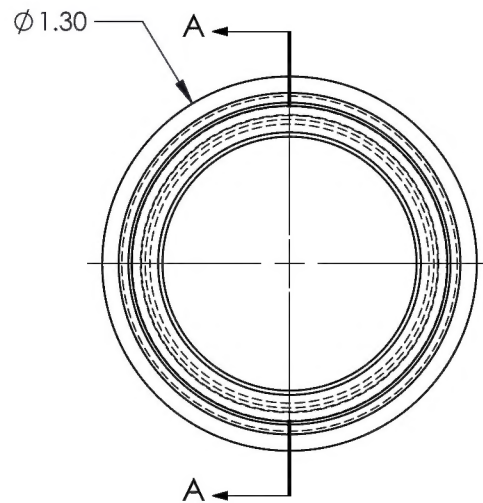


-103
BALANCE SET ATTACHMENTS

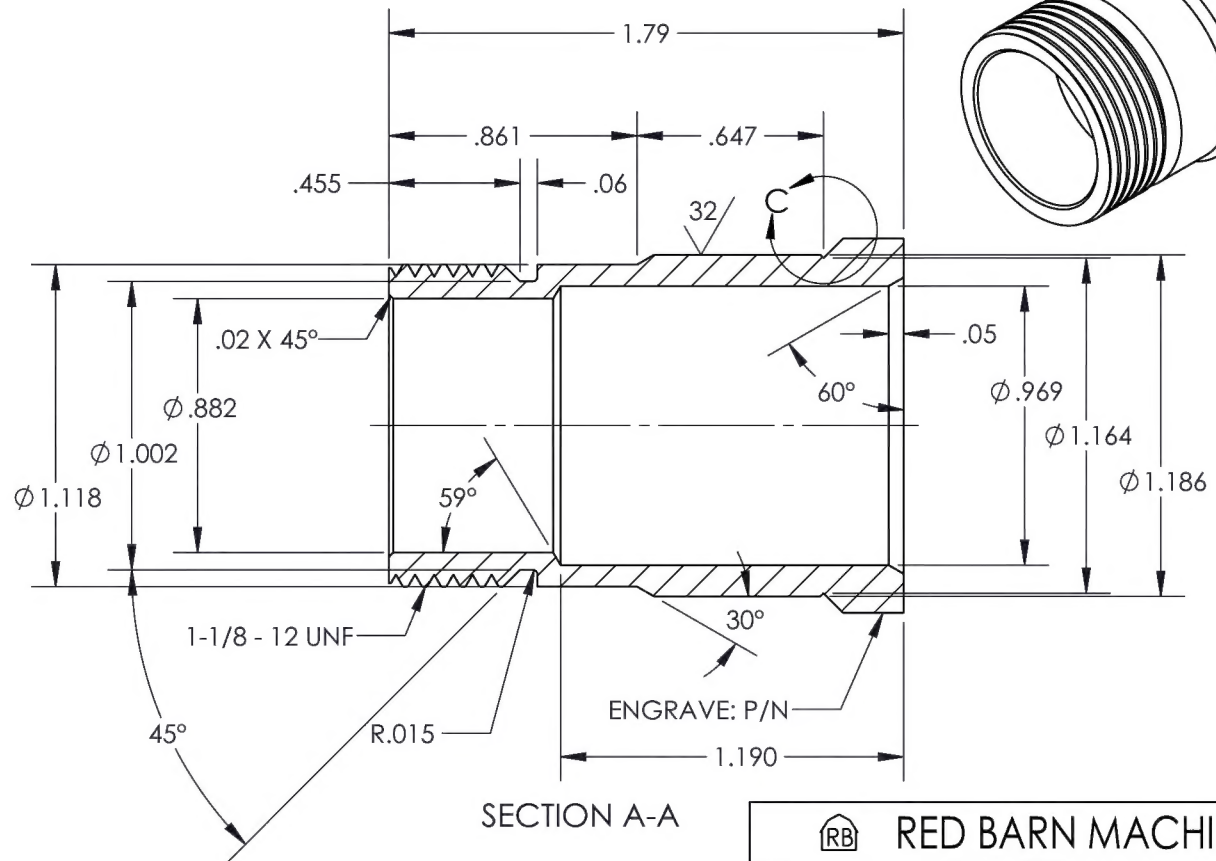
RED BARN MACHINE	
TITLE TAIL ROTOR BALANCE SET	
DWG NO. RBT400284-103	REV 1A
MAT'L	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .010	HEAT
.XX ± .03	TREAT
.X ± .1	FINISH
ANGLES ± 5°	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 206
SCALE 1:2	DATE 7/29/2010
SHEET 2 OF 9	

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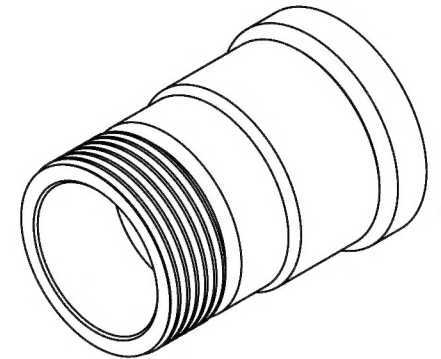
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-105 ADDED MISSING DIM 59° TO INNER CHAMFER, ADDED DETAIL VIEW C. CORRECTED THREAD RELIEF ADDED 45° DIM.	12/5/2013	CFS	GE



DETAIL C
SCALE 4 : 1



SECTION A-A



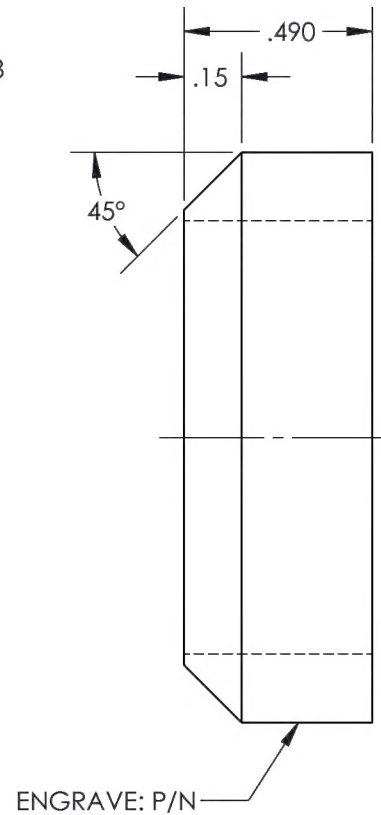
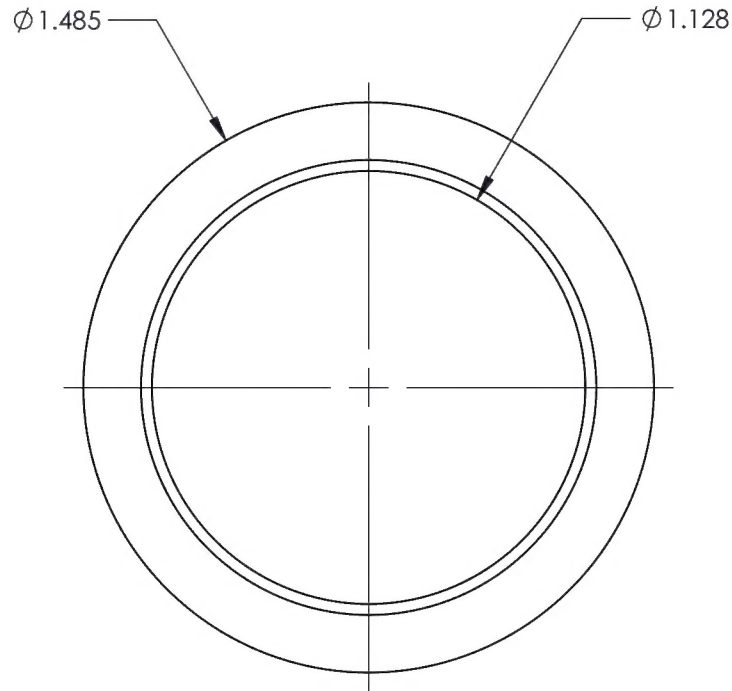
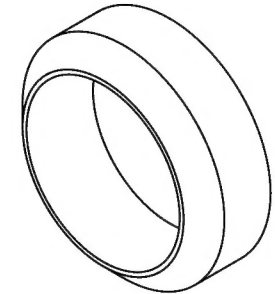
RED BARN MACHINE		TITLE	
		TAL ROTOR BALANCE SET	
DWG NO.		REV	
RBT400284-105		1A	
MAT'L 440C COML. GR.		DRAWN BY: PERRITT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .010 FRACTIONS ± 1/32		HEAT	
.XX ± .03 ANGLES ± 5°		TREAT	
.X ± .1		FINISH	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		SPEC	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	
SCALE 1.5:1		BELL 206	
DATE 7/29/2010		SHEET 3 OF 9	

-105

ADAPTER


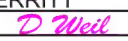
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



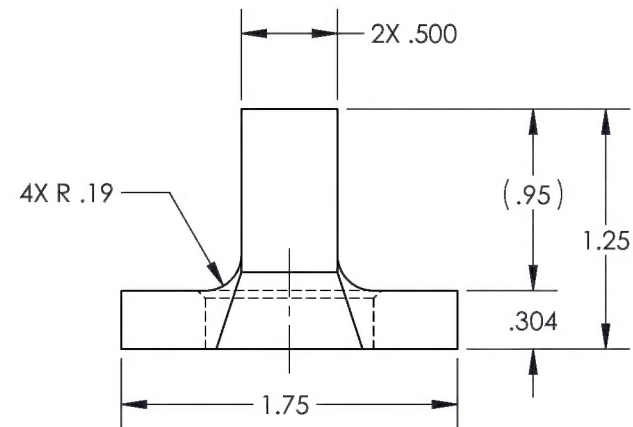
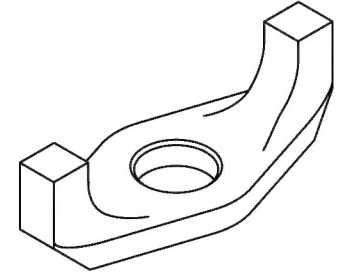
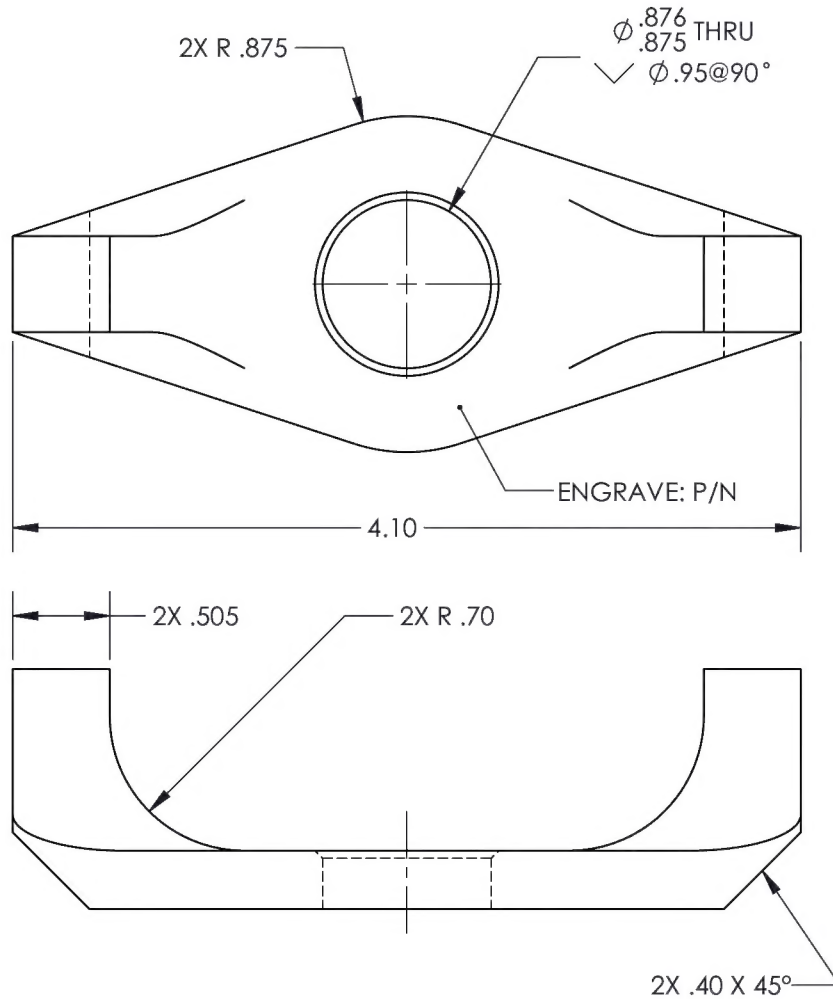
-107

LARGE SPACER

 RED BARN MACHINE	
TITLE TAIL ROTOR BALANCE SET	
DWG NO. RBT400284-107	REV 1A
MAT'L 440C COML. GR.	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 .XX ± .03 .X ± .1	APPROVED 
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 206
SCALE 2:1	DATE 7/29/2010
SHEET 4 OF 9	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



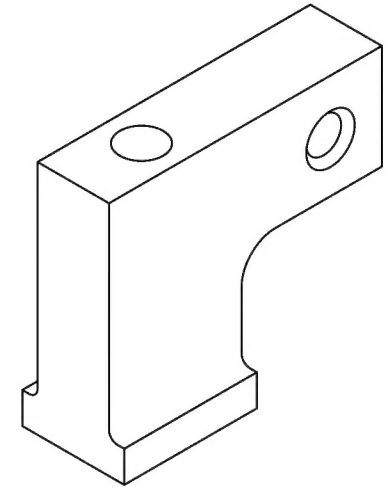
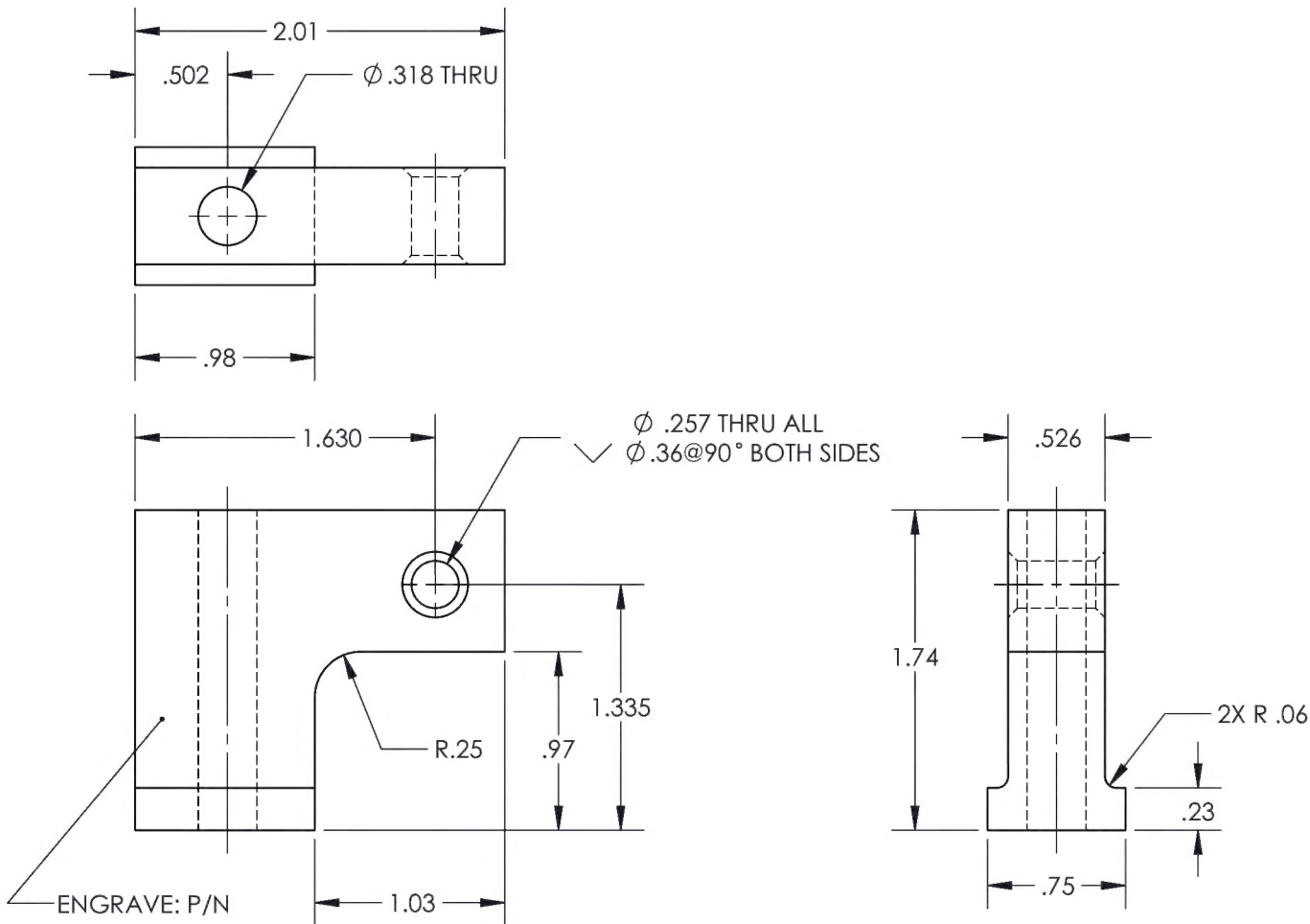
-109

STOP

RED BARN MACHINE	
TAIL ROTOR BALANCE SET	
DWG NO.	RBT400284-109
MAT'L 6061	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .010$	HEAT TREAT
.XX $\pm .03$	FINISH CLEAR ANODIZE
.X $\pm .1$	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 206
SCALE 1:1	DATE 7/29/2010
SHEET 5 OF 9	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-111 ADDED MISSING DIMS .23 AND 2X R.06.	12/5/2013	CFS	GE

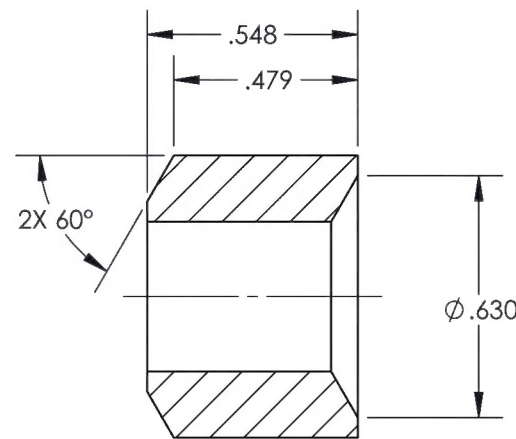
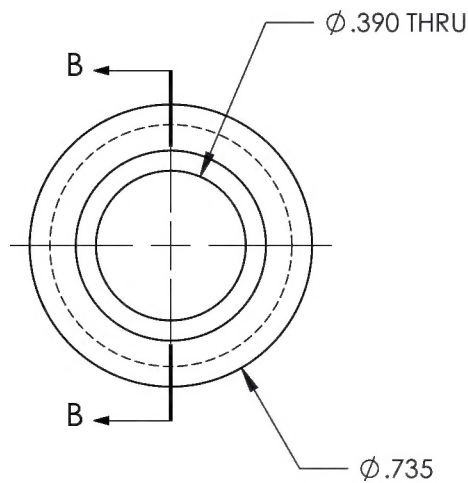


(-111)
HALF STOP

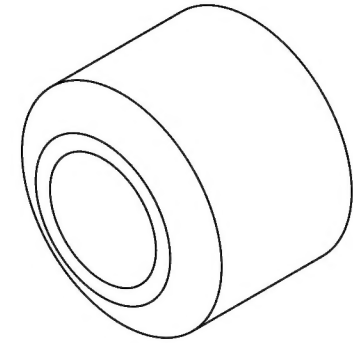
RED BARN MACHINE	
TITLE TAIL ROTOR BALANCE SET	
DWG NO. RBT400284-111	REV 1A
MAT'L 6061	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .010	HEAT TREAT
.XX ± .03	FINISH
.X ± .1	CLEAR ANODIZE
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC MIL-A-8625F, TYPE II, CLASS I
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 206
SCALE 1:1	DATE 7/29/2010
	SHEET 6 OF 9

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-113 ADDED MISSING DIM .479.	12/5/2013	CFS	GE



SECTION B-B



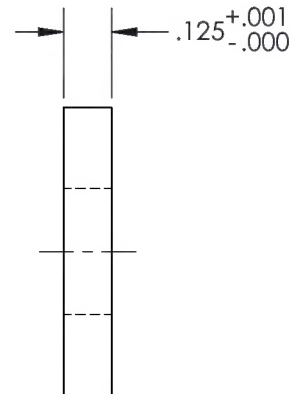
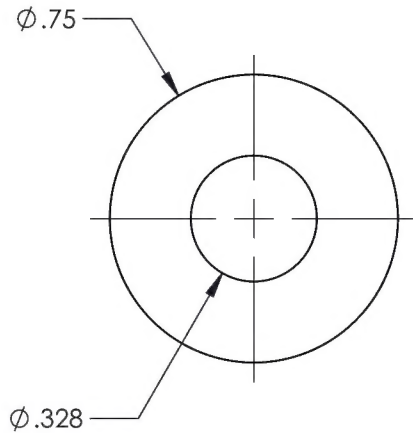
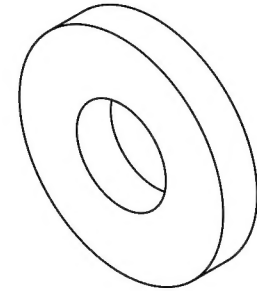
NOTE:
1. ATTACH TAG WITH PART NO.

-113
SMALL SPACER

RED BARN MACHINE	
TAIL ROTOR BALANCE SET	
DWG NO. RBT400284-113	REV 1A
MAT'L 440C COML. GR.	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .010 FRACTIONS ± 1/32	HEAT
.XX ± .03 ANGLES ± 5°	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 206
SCALE 2:1	DATE 7/29/2010
	SHEET 7 OF 9

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



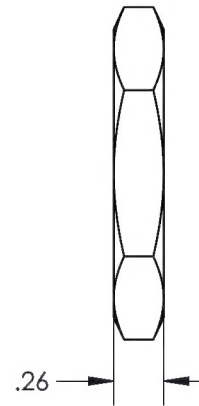
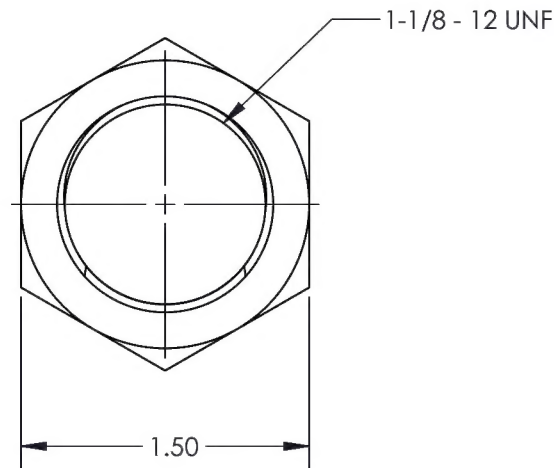
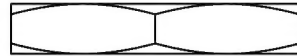
NOTE:
1. ATTACH TAG WITH PART NO.

(115)
SPACER WASHER

RED BARN MACHINE	
TITLE TAIL ROTOR BALANCE SET	
DWG NO. RBT400284-115	REV 1A
MAT'L 440C COML. GR.	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/32 .XX ± .03 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
	HEAT TREAT
	FINISH
	SPEC
	USED ON MODEL
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 206
SCALE 2:1	DATE 7/29/2010
SHEET 8 OF 9	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



-127

THIN HEX NUT

 RED BARN MACHINE	
TITLE TAIL ROTOR BALANCE SET	
DWG NO. RBT400284-127	REV 1A
MAT'L STEEL CAD PLATED	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .010 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .03 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 206
SCALE 1:1	DATE 1/15/2014
SHEET 9 OF 9	